

Listing of Claims:

- 1 1. (Currently Amended) A turf reinforcement mat ~~for placement on top of soil~~
2 comprising:
3 at least one polymer net layer;
4 a non-woven mat comprising a plurality of multi-dimensional polymer
5 fibers providing a more entangled fiber layer than non-woven mats comprising
6 one-dimensional polymer fibers, to break up the flow and energy of water
7 passing over the soil and said mat; and,
8 a polymer yarn, stitching said net layer to said non-woven mat.
- 1 2. (Original) The turf reinforcement mat of claim 1, wherein said multi-dimensional
2 polymer fiber has at least three edges and at least three channels.
- 1 3. (Original) The turf reinforcement mat of claim 1, wherein said multi-dimensional
2 polymer fiber is selected from the group consisting of polyolefins, polyesters,
3 polyamides and blends thereof.
- 1 4. (Original) The turf reinforcement mat of claim 1, wherein said multi-dimensional
2 fibers have a length from about 2 inches (5 cm) to about 12 inches (30 cm).
- 1 5. (Original) The turf reinforcement mat of claim 1, wherein said multi-dimensional
2 polymer fiber has a density of from about 300 denier (333 decitex) to about
3 2000 denier (2222 decitex).
- 1 6. (Original) The turf reinforcement mat of claim 5, wherein said multi-dimensional
2 polymer fiber has a density of from about 500 denier (555 decitex) to about
3 1100 denier (1222 decitex).

- 1 7. (Previously presented) The turf reinforcement mat of claim 1, wherein the
2 polymer of said net layer is selected from the group consisting of polyolefins,
3 polyesters, polyamides and blends thereof.

- 1 8. (Original) The turf reinforcement mat of claim 1, further comprising a second
2 polymer net layer, said non-woven mat being located between said first and
3 second nets.

- 1 9. (Original) The turf reinforcement mat of claim 1, wherein the tensile strength of
2 the turf reinforcement mat is at least 30% greater than the tensile strength of an
3 otherwise identical turf reinforcement mat having round multi-dimensional
4 polymer fibers.

10. (Canceled).

11. (Canceled).

12. (Canceled).

13. (Canceled).

14. (Canceled).

15. (Canceled).

16. (Canceled).

17. (Canceled).

- 1 18. (New) A turf reinforcement mat comprising:
 - 2 at least one polymer net layer; and
 - 3 a non-woven mat attached to said polymer net layer, said non-woven
 - 4 mat comprising multi-dimensional polymer fibers having at least three lobes, said
 - 5 lobes defining channels therebetween, wherein said channels are adapted to
 - 6 capture sediment and water.